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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Vitali LISSIANSKI et al

Serial No. 10/751,496

Filed: January 6, 2004



Atty. Ref.: 839-1494

Group: 1754

Examiner: Not Yet Assigned

For: METHOD AND SYSTEM FOR REMOVAL OF NOX AND
MERCURY EMISSIONS FROM COAL COMBUSTION

* * * * *

June 18, 2004

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

The following are submitted in the above-identified application in compliance with 37
C.F.R. §§ 1.97 and 1.98:

INFORMATION DISCLOSURE STATEMENT

- | | | |
|--|--|-----------------|
| <input checked="" type="checkbox"/> 1. | PTO-1449 Pursuant to 37 CFR 1.97(b)
[within 3 months of filing or prior to 1st Office Action] | <i>N/C</i> |
| <input type="checkbox"/> 2. | Statement Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance] | <i>N/C</i> |
| <input type="checkbox"/> 3. | Fee Payment Pursuant to 37 CFR 1.97(e)
[before Final Office Action or Allowance] | <i>\$180.00</i> |
| <input type="checkbox"/> 4. | Statement & Fee Payment Pursuant to 37 CFR 1.97(d)
[before Issue Fee payment] | <i>\$180.00</i> |
| | | |
| <input checked="" type="checkbox"/> 5. | A list of documents on Form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith. | |

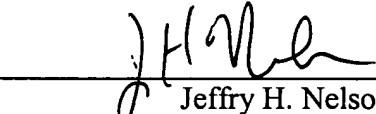
This paper is submitted in accordance with:

- | | |
|--|--|
| <input checked="" type="checkbox"/> 6. | 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action] |
| <input type="checkbox"/> 7. | 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and |

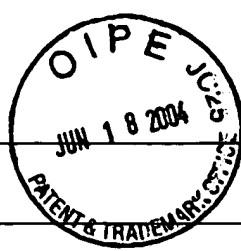
- a) The Statement required by 37 CFR §§1.97(c)(1) and (e) made in item 9 below; or
- b) The fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized in item 10 below.
- 8. 37 CFR §1.97(d): [before issue fee payment]; and
 - a) This is a request for consideration of the subject Information Disclosure Statement. The fee required by 37 CFR §1.17(p) is authorized in item 10 below; and
 - b) The Statement required by 37 CFR §§1.97(d)(1) and (e) is stated in item 9 below.
- 9. Statement under 37 CFR 1.97(e)
 - a) Each item of information contained in this Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
 - b) No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement, after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
- 10. Please charge all applicable fees associated with the submission of this Information Disclosure Statement and any other fees applicable to this application to Deposit Account No. 14-1140. An original and one (1) copy of this document are enclosed.

Respectfully submitted,

NIXON & VANDERHYE P.C.

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**INFORMATION DISCLOSURE
CITATION**

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APPLICANT

(Use several sheets if necessary)

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,413,477	05/09/1995	Moreland			
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	US 2002/0102189 A1	08/01/2002	Madden et al.			
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	US 2002/0170431 A1	11/21/2002	Chang et al.			
	US 2003/0009932 A1	01/16/2003	Kobayashi et al.			
	US 2003/0079606 A1	05/01/2003	Katz			
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DOCUMENT	DATE	COUNTRY	TRANSLATION		
			CLASS	SUBCLASS	YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	"Kinetic Models For Predicting the Behavior Of Mercury In Coal-Fired Power Plants", C. Senior, et al., ACERC Annual Conference, February 19-20, 2003, pp. 1-22.
	"Evaluating The Effects of Low-NOx Retrofits on Carbon In Ash Levels", K.A. Davis, et al. Presented at the Mega Symposium: EPRI-DOE-EPA Combined Utility Air Pollutant Control Symposium, Atlanta, GA, August 1999, pp. 1-15.
	"Behavior of Mercury In Air Pollution Control Devices on Coal-Fired Utility Boilers" Constance L. Senior, Prepared For Power Production in the 21 st Century: Impacts of Fuel Quality and Operations, Engineering Foundation Conference, Snowbird, UT, October 28-November 2, 2001, pp. 1-17.
	"Loss On Ignition In Coal Combustion Simulations", Stefan P. Domino et al., pp. 1-49 (1999).
	Reaction Engineering International brochure "Furnace Performance", Reaction Engineering International", printed from REI website on August 22, 2003, pp. 1-2.

*Examiner	Date Considered
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO.	SERIAL NO.			
		839-1494	10/751,496			
(Use several sheets if necessary)		APPLICANT				
		Vitali LISSIANSKI et al				
		FILING DATE	GROUP			
		January 6, 2004	1754			
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	US 2004/0011057	01/22/2004	Huber			
FOREIGN PATENT DOCUMENTS				TRANSLATION		
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)						
	"Comparison of Photoacoustic Methods To Loss-On-Ignition and Foam Index Tests In Fly Ash Evaluations", Robert Novack, et al., pp. 1-2 (1997).					
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	"NO _x Control for Gas Turbines", GE Power Systems, pp. 1-2, printed December 17, 2003.					
*Examiner		Date Considered				

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Form PTO-FB-A820 (Also PTO-1449)

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FOREIGN PATENT DOCUMENTS

TRANSLATION

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DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

- | | |
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| | "Coalogic™", GE Power Systems, pp. 1-2, printed December 17, 2003. |
| | "Coal Balancing & Blending", GE Power Systems, pp. 1-2, printed December 17, 2003. |
| | "NO _x Reduction", Hamon, pp. 1-2, December 8, 2003. |
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| | "Evaluation of the Effect of SCR NO _x Control Technology on Mercury Speciation", Feeley, III et al., March 2003, pp. 1-11. |
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| | Thomas D. Brown et al., "Mercury Measurement And Its Control: What We Know, Have Learned, and Need To Further Investigate", Journal of the Air & Waste Management Association, pp. 628-640, Volume 49, June 1999. |
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| | The Washington Post, "Limiting Mercury Pollution Is Focus of Hot Debate", pp. A3, March 15, 2004. |

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